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INDIANA UNIVERSITY

APPROVAL OF UNDP ASSISTANCE TO A PROJECT OF PAKISTAN

IPF: (1993-98) $89 700 000

(PAK/93/006) - Kasur Tannery Pollution Control

Date of approval by the AC:[1]	13 October 1993
Expected duration:	Three and a half years
Proposed executing agency:	Government (Housing, Physical and Environmental Planning Department (HP & EP), Government of Punjab through the Kasur Tannery Waste Management Board
Government implementing agency:	Public Health Engineering Department (PHED), UNIDO and Kasur Tannery Waste Management Board (KTWMB) in association with NORAD
Proposed UNDP contribution:	$2 500 000 Source of funds: IPF
Third-party cost-sharing:	$4 350 000
Total UNDP budget:	$6 850 000

Project background

Kasur, with 165 tanneries, is one of the key centres of Pakistan's tanning industry and is growing. Toxic waste is indiscriminately discharged in increasing amounts by Kasur's tanneries, causing a serious threat to the health of the people of Kasur; and contributes to the pollution of Kasur's air, fertile land and groundwater. At the Government's request, in 1989, UNDP/UNIDO, with additional support from the Netherlands and Norway, launched activities under preparatory assistance to determine and design the most effective solutions to these problems. This resulted in a project document which was first appraised by the Action Committee (AC) in 1989. At that time it was recommended to further develop the project document under an extended preparatory assistance.

As directed by the AC, from 1991 to date, much work was done on addressing a number of the socio-economic issues, to prepare an overall basic technical design, to look for cost-sharing contributions, and to prepare a more comprehensive project document. As well, a detailed Environmental Impact Assessment Study was carried out, and the project design was modified as recommended. The project, if implemented successfully, will contribute to the

[1] This Fact Sheet reflects the status of the project/revision at the time it was approved by the Action Committee; modifications to the project/revision may have occurred subsequently.

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sustainable development of the Kasur township. It will also serve as a model for subsequent pollution control projects, both in terms of technical and operational aspects, but also in terms of policies, and organizational and institutional arrangements. In short, it will be an important component in the implementation of the National Conservation Strategy.

Description of project

The long-term activities of the project are to: (a) raise the environmental awareness of the Kasur's people; (b) improve the health of the tannery workers; (c) reduce the production of effluents from the tanning process; (d) establish a common primary tannery waste treatment system and institution-building and operational strengthening activities necessary for sustainable implementation; (e) develop the design of the KEIP and lay the foundations for its implementation; and (f) improve the environment, working and living conditions and the delivery of municipal services, etc.

The immediate objectives of the project are to: (a) construct and put in operation an outfall sewer; (b) dry out stagnant pools and prepare them for reclamation; (c) finalise and put in operation pretreatment measures; (d) construct and put in operation waste water collection system; (e) install and put in operation a Tannery Effluent Primary Treatment Plant with control laboratory; (f) finalise and put in continuous operation disposal facilities for tannery solid wastes; (g) establish and staff ully the Kasur Tannery Waste Management Board and Agency; and (h) install and put in operation a by-product recovery pilot plant.

Inputs

UNDP will provide 30 work-months for a chief co-ordinator in civil/ mechanical engineering and management, three work-months for an expert in urban planning, 12 work-months for an expert in all-around municipal operation, seven work-months of expatriate consultancies in low waste tanning process, social impact and health monitoring; limited provisions for administrative support and mission travel; 94 work-months of national consultancies in project implementation including project administration, cleaner technology processes, treatment system development and operation; four subcontracts (some training and advocacy activities are also covered by one subcontract; an extensive in-service training and demonstration programme; all technical equipment and parts of the related civil works; office equipment, supplies; and miscellaneous costs.

Financial data

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Personnel	816 400
Subcontract	480 000
Training	150 000
Equipment	5 388 000
Miscellaneous	15 600
Total	6 850 000

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